

Appendix C4

CARP Eggs - Raw Data and Calculation Of TEQ Values

CARP EGGS **RAW DATA AND CALCULATION OF TEQ VALUES**

SAMPLE NUMBER: H96DCP01E

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.041	0.163	0.747	D	0.7	0.7	0.7	0.001	0.0	0.0	0.0	0.1%	0.1%	0.8%
1234678-HpCDF	2.928	11.712	LT		1.5			0.01	0.0			1.3%		
1234789-HpCDF	0.150	0.600	LT		0.1			0.01	0.0			0.1%		
123478-HxCDD	0.297	1.188	LT	EMPC	0.1			0.5	0.1			4.3%		
123478-HxCDF	0.216	0.864	LT	EMPC	0.1			0.1	0.0			0.9%		
123678-HxCDD	0.008	0.032	0.178	EMPC	0.2	0.2	0.2	0.01	0.0	0.0	0.0	0.2%	0.4%	2.4%
123678-HxCDF	0.344	1.376	LT		0.2			0.1	0.0			1.7%		
123789-HxCDD	0.145	0.580	LT		0.1			0.01	0.0			0.1%		
123789-HxCDF	0.581	2.324	LT	EMPC	0.3			0.1	0.0			2.6%		
12378-PeCDD	0.144	0.577	0.442	D	0.4	0.4		1	0.4	0.4		34.1%	76.1%	
12378-PeCDF	0.007	0.029	0.464		0.5	0.5	0.5	0.05	0.0	0.0	0.0	2.1%	4.8%	29.7%
234678-HxCDF	5.364	21.456	LT		2.7			0.1	0.3			23.0%		
23478-PeCDF	0.227	0.908	LT	EMPC	0.1			0.5	0.1			4.3%		
2378-TCDD	0.392	1.570	LT	U	0.2			1	0.2			17.1%		
2378-TCDF	0.192	0.770	0.762		0.8	0.8		0.05	0.0	0.0		3.4%	7.6%	
OCDD	0.056	0.225	4.031		4	4	4	0	0	0	0	0%	0%	0%
OCDF	0.108	0.434	0.564		0.6	0.6	0.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 126	0.335	1.341	10.299		10.3	10.3	10.3	0.005	0.1	0.1	0.1	4.4%	9.8%	61.2%
PCB 169	0.185	0.741	0.795		0.8	0.8	0.8	0.00005	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	1.220	4.881	48.907		48.9	48.9	48.9	0.0001	0.0	0.0	0.0	0.4%	0.9%	5.8%
PCB 81	1.235	4.940	2.682		2.7	2.7		0.0005	0.0	0.0		0.1%	0.3%	

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	1.1	0.5	0
All PCBs	0.1	0.1	0.1
All PCDDs/PCDFs/PCBs	1.2	0.6	0.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: H96DCP02E

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.005	0.019	0.798	D	0.8	0.8	0.8	0.001	0.0	0.0	0.0	0.1%	0.2%	0.5%
1234678-HpCDF	1.603	6.412	LT		0.8			0.01	0.0			0.9%		
1234789-HpCDF	0.068	0.272	LT		0			0.01	0			0%		
123478-HxCDD	0.142	0.567	0.304	EMPC	0.3	0.3		0.5	0.2	0.2		16.6%	39.4%	
123478-HxCDF	0.157	0.628	LT		0.1			0.1	0.0			1.1%		
123678-HxCDD	0.131	0.524	LT		0.1			0.01	0.0			0.1%		
123678-HxCDF	0.264	1.056	LT	EMPC	0.1			0.1	0.0			1.1%		
123789-HxCDD	0.128	0.513	LT		0.1			0.01	0.0			0.1%		
123789-HxCDF	0.174	0.694	0.636		0.6	0.6		0.1	0.1	0.1		6.6%	15.8%	
12378-PeCDD	0.159	0.637	LT	EMPC	0.1			1	0.1			11.0%		
12378-PeCDF	0.255	1.020	LT		0.1			0.05	0.0			0.6%		
234678-HxCDF	3.755	15.020	LT		1.9			0.1	0.2			21.0%		
23478-PeCDF	0.325	1.300	LT	EMPC	0.2			0.5	0.1			11.0%		
2378-TCDD	0.292	1.166	LT	U	0.1			1	0.1			11.0%		
2378-TCDF	0.139	0.557	0.827		0.8	0.8	0.4	0.05	0.0	0.0	0.0	4.4%	10.5%	13.3%
OCDD	0.010	0.041	4.058		4.1	4.1	4.1	0	0	0	0	0%	0%	0%
OCDF	0.527	2.108	LT	EMPC	0.3			0.0001	0.0			0.0%		
PCB 126	0.869	3.476	23.509		23.5	23.5	23.5	0.005	0.1	0.1	0.1	13.0%	30.9%	78.2%
PCB 169	0.083	0.332	1.118		1.1	1.1	1.1	0.00005	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	1.044	4.175	89.491		89.5	89.5	89.5	0.0001	0.0	0.0	0.0	1.0%	2.4%	6.0%
PCB 81	1.050	4.199	5.969		6	6	6	0.0005	0.0	0.0	0.0	0.3%	0.8%	2.0%

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	0.8	0.3	0
All PCBs	0.1	0.1	0.1
All PCDDs/PCDFs/PCBs	0.9	0.4	0.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS **RAW DATA AND CALCULATION OF TEQ VALUES**

SAMPLE NUMBER: H96DCP06E

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.649	2.596	LT	EMPC	0.3			0.001	0.0			0.0%		
1234678-HpCDF	1.729	6.916	LT	D	0.9			0.01	0.0			1.0%		
1234789-HpCDF	0.048	0.190	LT		0			0.01	0			0%		
123478-HxCDD	0.019	0.074	0.260		0.3	0.3	0.3	0.5	0.2	0.2	0.2	17.3%	52.7%	71.5%
123478-HxCDF	0.238	0.952	LT	EMPC	0.1			0.1	0.0			1.2%		
123678-HxCDD	0.016	0.064	0.106		0.1	0.1	0.1	0.01	0.0	0.0	0.0	0.1%	0.4%	0.5%
123678-HxCDF	0.286	1.144	LT	EMPC	0.1			0.1	0.0			1.2%		
123789-HxCDD	0.061	0.244	LT		0			0.01	0			0%		
123789-HxCDF	0.216	0.866	0.564		0.6	0.6		0.1	0.1	0.1		6.9%	21.1%	
12378-PeCDD	0.364	1.456	LT		0.2			1	0.2			23.0%		
12378-PeCDF	0.190	0.760	LT		0.1			0.05	0.0			0.6%		
234678-HxCDF	3.914	15.654	LT	D	2			0.1	0.2			23.0%		
23478-PeCDF	0.134	0.536	LT		0.1			0.5	0.1			5.8%		
2378-TCDD	0.215	0.858	LT		0.1			1	0.1			11.5%		
2378-TCDF	0.114	0.456	0.566	U	0.6	0.6	0.3	0.05	0.0	0.0	0.0	3.5%	10.5%	7.1%
OCDD	0.042	0.167	2.654		2.7	2.7	2.7	0	0	0	0	0%	0%	0%
OCDF	0.060	0.239	0.299		0.3	0.3	0.3	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.395	1.578	7.662		7.7	7.7	7.7	0.005	0.0	0.0	0.0	4.4%	13.5%	18.3%
PCB 169	0.050	0.199	0.457		0.5	0.5	0.5	0.00005	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	0.382	1.530	40.833		40.8	40.8	40.8	0.0001	0.0	0.0	0.0	0.5%	1.4%	1.9%
PCB 81	0.368	1.472	2.442		2.4	2.4	2.4	0.0005	0.0	0.0	0.0	0.1%	0.4%	0.6%

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	0.8	0.2	0.2
All PCBs	0	0	0
All PCDDs/PCDFs/PCBs	0.8	0.2	0.2

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS **RAW DATA AND CALCULATION OF TEQ VALUES**

SAMPLE NUMBER: H96DCP07E

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.921	3.684	LT	EMPC	0.5			0.001	0.0			0.0%		
1234678-HpCDF	1.498	5.992	LT	D	0.7			0.01	0.0			0.6%		
1234789-HpCDF	0.083	0.334	LT		0			0.01	0			0%		
123478-HxCDD	0.297	1.188	LT	EMPC	0.1			0.5	0.1			4.5%		
123478-HxCDF	0.326	1.303	LT		0.2			0.1	0.0			1.8%		
123678-HxCDD	0.018	0.072	0.240		0.2	0.2	0.2	0.01	0.0	0.0	0.0	0.2%	1.0%	1.3%
123678-HxCDF	0.259	1.036	LT		0.1			0.1	0.0			0.9%		
123789-HxCDD	0.067	0.268	LT		0			0.01	0.0			0.0%		
123789-HxCDF	0.568	2.272	LT	EMPC	0.3			0.1	0.0			2.7%		
12378-PeCDD	0.331	1.324	LT	EMPC	0.2			1	0.2			18.1%		
12378-PeCDF	0.462	1.848	LT	EMPC	0.2			0.05	0.0			0.9%		
234678-HxCDF	3.544	14.176	LT	D	1.8			0.1	0.2			16.3%		
23478-PeCDF	0.347	1.388	LT	EMPC	0.2			0.5	0.1			9.0%		
2378-TCDD	0.622	2.488	LT		0.3			1	0.3			27.1%		
2378-TCDF	0.228	0.912	1.763	U	1.8	1.8	0.9	0.05	0.1	0.1	0.0	8.1%	45.4%	29.9%
OCDD	3.011	12.044	LT	EMPC, J	1.5			0	0			0%		
OCDF	0.393	1.572	LT	J	0.2			0.0001	0.0			0.0%		
PCB 126	0.513	2.052	19.059		19.1	19.1	19.1	0.005	0.1	0.1	0.1	8.6%	48.2%	63.4%
PCB 169	0.152	0.606	1.111		1.1	1.1	1.1	0.00005	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	1.774	7.095	79.581		79.6	79.6	79.6	0.0001	0.0	0.0	0.0	0.7%	4.0%	5.3%
PCB 81	1.714	6.856	5.499		5.5	5.5		0.0005	0.0	0.0		0.2%	1.4%	

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	1	0.1	0
All PCBs	0.1	0.1	0.1
All PCDDs/PCDFs/PCBs	1.1	0.2	0.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS **RAW DATA AND CALCULATION OF TEQ VALUES**

SAMPLE NUMBER: H96DCP08E

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.018	0.070	0.916	D	0.9	0.9	0.9	0.001	0.0	0.0	0.0	0.1%	0.2%	0.4%
1234678-HpCDF	2.682	10.728	LT		1.3			0.01	0.0			1.2%		
1234789-HpCDF	0.030	0.122	LT		0			0.01	0.0			0.0%		
123478-HxCDD	0.059	0.236	0.226	EMPC	0.2	0.2		0.5	0.1	0.1		9.4%	24.6%	
123478-HxCDF	0.173	0.694	LT		0.1			0.1	0.0			0.9%		
123678-HxCDD	0.054	0.216	LT		0			0.01	0.0			0.0%		
123678-HxCDF	0.205	0.820	LT	EMPC	0.1			0.1	0.0			0.9%		
123789-HxCDD	0.053	0.213	LT		0			0.01	0.0			0.0%		
123789-HxCDF	0.176	0.704	0.605		0.6	0.6		0.1	0.1	0.1		5.6%	14.8%	
12378-PeCDD	0.429	1.716	LT	D	0.2			1	0.2			18.7%		
12378-PeCDF	0.052	0.207	0.274		0.3	0.3	0.3	0.05	0.0	0.0	0.0	1.4%	3.7%	6.5%
234678-HxCDF	6.647	26.588	LT		3.3			0.1	0.3			30.9%		
23478-PeCDF	0.045	0.178	0.226	U	0.2	0.2	0.2	0.5	0.1	0.1	0.1	9.4%	24.6%	43.3%
2378-TCDD	0.163	0.654	LT		0.1			1	0.1			9.4%		
2378-TCDF	0.108	0.434	0.555		0.6	0.6	0.3	0.05	0.0	0.0	0.0	2.8%	7.4%	6.5%
OCDD	0.024	0.097	6.106		6.1	6.1	6.1	0	0	0	0	0%	0%	0%
OCDF	0.028	0.111	0.548		0.5	0.5	0.5	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.197	0.789	18.545		18.5	18.5	18.5	0.005	0.1	0.1	0.1	8.7%	22.8%	40.0%
PCB 169	0.167	0.666	0.957		1	1	1	0.00005	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	0.846	3.382	56.645		56.6	56.6	56.6	0.0001	0.0	0.0	0.0	0.5%	1.4%	2.4%
PCB 81	0.805	3.218	4.096		4.1	4.1	4.1	0.0005	0.0	0.0	0.0	0.2%	0.5%	0.9%

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	1	0.3	0.1
All PCBs	0.1	0.1	0.1
All PCDDs/PCDFs/PCBs	1.1	0.4	0.2

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS **RAW DATA AND CALCULATION OF TEQ VALUES**

SAMPLE NUMBER: H96DCP10

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.980	3.920	LT	EMPC	0.5			0.001	0.0			0.1%		
1234678-HpCDF	2.277	9.108	LT	D	1.1			0.01	0.0			1.2%		
1234789-HpCDF	0.041	0.165	LT		0			0.01	0.0			0.0%		
123478-HxCDD	0.332	1.328	LT	EMPC	0.2			0.5	0.1			10.7%		
123478-HxCDF	0.231	0.924	LT	EMPC	0.1			0.1	0.0			1.1%		
123678-HxCDD	0.144	0.576	LT	EMPC	0.1			0.01	0.0			0.1%		
123678-HxCDF	0.319	1.276	LT	EMPC	0.2			0.1	0.0			2.1%		
123789-HxCDD	0.092	0.370	LT		0			0.01	0.0			0.0%		
123789-HxCDF	0.532	2.128	LT	EMPC	0.3			0.1	0.0			3.2%		
12378-PeCDD	0.110	0.441	0.296		0.3	0.3		1	0.3	0.3		32.0%	68.7%	
12378-PeCDF	0.133	0.533	0.370		0.4	0.4		0.05	0.0	0.0		2.1%	4.6%	
234678-HxCDF	3.572	14.288	LT	D	1.8			0.1	0.2			19.2%		
23478-PeCDF	0.259	1.036	LT	EMPC	0.1			0.5	0.1			5.3%		
2378-TCDD	0.217	0.869	LT		0.1			1	0.1			10.7%		
2378-TCDF	0.145	0.580	0.870	U	0.9	0.9	0.4	0.05	0.0	0.0	0.0	4.8%	10.3%	22.3%
OCDD	0.116	0.465	3.846		3.8	3.8	3.8	0	0	0	0	0%	0%	0%
OCDF	0.358	1.432	LT	EMPC	0.2			0.0001	0.0			0.0%		
PCB 126	0.256	1.023	12.589		12.6	12.6	12.6	0.005	0.1	0.1	0.1	6.7%	14.4%	70.3%
PCB 169	0.187	0.748	0.936		0.9	0.9	0.9	0.00005	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 77	1.316	5.263	65.593		65.6	65.6	65.6	0.0001	0.0	0.0	0.0	0.7%	1.5%	7.3%
PCB 81	1.270	5.080	3.625		3.6	3.6		0.0005	0.0	0.0		0.2%	0.4%	

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	0.9	0.4	0
All PCBs	0.1	0.1	0.1
All PCDDs/PCDFs/PCBs	1	0.5	0.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS **RAW DATA AND CALCULATION OF TEQ VALUES**

SAMPLE NUMBER: H96DCP11

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.021	0.085	0.761	D	0.8	0.8	0.8	0.001	0.0	0.0	0.0	0.1%	0.3%	0.3%
1234678-HpCDF	2.243	8.972	LT		1.1			0.01	0.0			1.2%		
1234789-HpCDF	0.026	0.103	LT		0			0.01	0			0%		
123478-HxCDD	0.048	0.192	0.338	EMPC	0.3	0.3	0.3	0.5	0.2	0.2	0.2	16.1%	48.9%	65.0%
123478-HxCDF	0.215	0.860	LT		0.1			0.1	0.0			1.1%		
123678-HxCDD	0.042	0.169	0.103		0.1	0.1		0.01	0.0	0.0		0.1%	0.3%	
123678-HxCDF	0.235	0.940	LT	EMPC	0.1			0.1	0.0			1.1%		
123789-HxCDD	0.042	0.169	LT		0			0.01	0			0%		
123789-HxCDF	0.213	0.852	0.570		0.6	0.6		0.1	0.1	0.1		6.4%	19.6%	
12378-PeCDD	0.342	1.368	LT	EMPC	0.2			1	0.2			21.4%		
12378-PeCDF	0.248	0.992	LT	EMPC	0.1			0.05	0.0			0.5%		
234678-HxCDF	4.738	18.950	LT	D	2.4			0.1	0.2			25.7%		
23478-PeCDF	0.182	0.728	LT	EMPC	0.1			0.5	0.1			5.4%		
2378-TCDD	0.121	0.483	LT	U	0.1			1	0.1			10.7%		
2378-TCDF	0.081	0.324	0.730		0.7	0.7	0.4	0.05	0.0	0.0	0.0	3.8%	11.4%	8.7%
OCDD	0.031	0.125	2.884		2.9	2.9	2.9	0	0	0	0	0%	0%	0%
OCDF	0.289	1.156	LT	EMPC	0.1			0.0001	0.0			0.0%		
PCB 126	0.593	2.374	10.891		10.9	10.9	10.9	0.005	0.1	0.1	0.1	5.8%	17.8%	23.6%
PCB 169	0.236	0.942	1.167		1.2	1.2	1.2	0.00005	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	0.524	2.097	40.740		40.7	40.7	40.7	0.0001	0.0	0.0	0.0	0.4%	1.3%	1.8%
PCB 81	0.513	2.054	2.808		2.8	2.8	2.8	0.0005	0.0	0.0	0.0	0.2%	0.5%	0.6%

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	0.9	0.2	0.2
All PCBs	0.1	0.1	0.1
All PCDDs/PCDFs/PCBs	1	0.3	0.3

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: H96DCP12

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.003	0.012	1.013	D	1	1	1	0.001	0.0	0.0	0.0	0.1%	0.4%	0.4%
1234678-HpCDF	1.529	6.116	LT		0.8			0.01	0.0			1.2%		
1234789-HpCDF	0.046	0.182	LT		0			0.01	0			0%		
123478-HxCDD	0.005	0.018	0.271	EMPC	0.3	0.3	0.3	0.5	0.2	0.2	0.2	22.3%	56.9%	59.3%
123478-HxCDF	0.266	1.063	LT		0.1			0.1	0.0			1.5%		
123678-HxCDD	0.121	0.484	LT		0.1			0.01	0.0			0.1%		
123678-HxCDF	0.222	0.888	LT	EMPC	0.1			0.1	0.0			1.5%		
123789-HxCDD	0.052	0.208	LT	EMPC	0			0.01	0			0%		
123789-HxCDF	0.554	2.216	LT		0.3			0.1	0.0			4.5%		
12378-PeCDD	0.271	1.084	LT		0.1			1	0.1			14.9%		
12378-PeCDF	0.025	0.098	0.159	D	0.2	0.2	0.2	0.05	0.0	0.0	0.0	1.5%	3.8%	4.0%
234678-HxCDF	2.943	11.770	LT		1.5			0.1	0.2			22.3%		
23478-PeCDF	0.023	0.090	0.116		0.1	0.1	0.1	0.5	0.1	0.1	0.1	7.4%	19.0%	19.8%
2378-TCDD	0.128	0.512	LT	U	0.1			1	0.1			14.9%		
2378-TCDF	0.077	0.306	0.531		0.5	0.5	0.3	0.05	0.0	0.0	0.0	3.7%	9.5%	5.9%
OCDD	0.038	0.153	5.785		5.8	5.8	5.8	0	0	0	0	0%	0%	0%
OCDF	0.484	1.936	LT	EMPC	0.2			0.0001	0.0			0.0%		
PCB 126	0.309	1.235	4.916		4.9	4.9	4.9	0.005	0.0	0.0	0.0	3.6%	9.3%	9.7%
PCB 169	0.054	0.214	0.380		0.4	0.4	0.4	0.00005	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	0.513	2.053	24.224		24.2	24.2	24.2	0.0001	0.0	0.0	0.0	0.4%	0.9%	1.0%
PCB 81	0.520	2.080	1.739		1.7	1.7		0.0005	0.0	0.0		0.1%	0.3%	

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	0.6	0.2	0.2
All PCBs	0	0	0
All PCDDs/PCDFs/PCBs	0.6	0.2	0.2

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS **RAW DATA AND CALCULATION OF TEQ VALUES**

SAMPLE NUMBER: H96DCP13

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MLQ	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.004	0.014	0.945	D	0.9	0.9	0.9	0.001	0.0	0.0	0.0	0.1%	0.5%	0.6%
1234678-HpCDF	3.659	14.636	LT		1.8			0.01	0.0			1.9%		
1234789-HpCDF	0.039	0.156	LT		0			0.01	0.0			0.0%		
123478-HxCDD	0.237	0.948	LT		0.1			0.5	0.1			5.2%		
123478-HxCDF	0.139	0.557	LT	EMPC	0.1			0.1	0.0			1.0%		
123678-HxCDD	0.034	0.138	0.108		0.1	0.1		0.01	0.0	0.0		0.1%	0.5%	
123678-HxCDF	0.189	0.756	LT		0.1			0.1	0.0			1.0%		
123789-HxCDD	0.034	0.136	LT		0			0.01	0.0			0.0%		
123789-HxCDF	0.152	0.607	0.625	EMPC	0.6	0.6	0.6	0.1	0.1	0.1		6.3%	30.7%	38.1%
12378-PeCDD	0.445	1.780	LT		0.2			1	0.2			21.0%		
12378-PeCDF	0.350	1.400	LT		0.2			0.05	0.0			1.0%		
234678-HxCDF	5.240	20.960	LT		2.6			0.1	0.3			27.3%		
23478-PeCDF	0.382	1.528	LT	EMPC	0.2			0.5	0.1			10.5%		
2378-TCDD	0.228	0.912	LT		0.1			1	0.1			10.5%		
2378-TCDF	0.105	0.419	1.432		1.4	1.4	0.7	0.05	0.1	0.1	0.0	7.3%	35.9%	22.2%
OCDD	0.037	0.149	3.482		3.5	3.5	3.5	0	0	0	0	0%	0%	0%
OCDF	0.034	0.136	0.623		0.6	0.6	0.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.298	1.191	11.171		11.2	11.2	11.2	0.005	0.1	0.1	0.1	5.9%	28.7%	35.5%
PCB 169	0.168	0.673	0.587		0.6	0.6		0.00005	0.0	0.0		0.0%	0.0%	
PCB 77	1.572	6.288	56.197		56.2	56.2	56.2	0.0001	0.0	0.0	0.0	0.6%	2.9%	3.6%
PCB 81	1.509	6.036	3.237		3.2	3.2		0.0005	0.0	0.0		0.2%	0.8%	

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	0.9	0.1	0.1
All PCBs	0.1	0.1	0.1
All PCDDs/PCDFs/PCBs	1	0.2	0.2

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS **RAW DATA AND CALCULATION OF TEQ VALUES**

SAMPLE NUMBER: H96DCP14

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.010	0.039	0.948	D	0.9	0.9	0.9	0.001	0.0	0.0	0.0	0.1%	0.2%	0.2%
1234678-HpCDF	1.899	7.596	LT		0.9			0.01	0.0			0.8%		
1234789-HpCDF	0.146	0.583	LT		0.1			0.01	0.0			0.1%		
123478-HxCDD	0.077	0.308	0.418		0.4	0.4	0.4	0.5	0.2	0.2	0.2	17.4%	45.8%	49.1%
123478-HxCDF	0.364	1.455	LT		0.2			0.1	0.0			1.7%		
123678-HxCDD	0.182	0.728	LT		0.1			0.01	0.0			0.1%		
123678-HxCDF	0.370	1.480	LT	EMPC	0.2			0.1	0.0			1.7%		
123789-HxCDD	0.163	0.652	LT	EMPC	0.1			0.01	0.0			0.1%		
123789-HxCDF	0.684	2.736	LT	EMPC	0.3			0.1	0.0			2.6%		
12378-PeCDD	0.581	2.324	LT	EMPC	0.3			1	0.3			26.1%		
12378-PeCDF	0.321	1.284	LT	EMPC	0.2			0.05	0.0			0.9%		
234678-HxCDF	4.460	17.838	LT	D	2.2			0.1	0.2			19.1%		
23478-PeCDF	0.008	0.032	0.199		0.2	0.2	0.2	0.5	0.1	0.1	0.1	8.7%	22.9%	24.6%
2378-TCDD	0.188	0.751	LT		0.1			1	0.1			8.7%		
2378-TCDF	0.217	0.866	1.324		1.3	1.3	0.7	0.05	0.1	0.1	0.0	5.7%	14.9%	8.6%
OCDD	0.058	0.230	3.456	EMPC	3.5	3.5	3.5	0	0	0	0	0%	0%	0%
OCDF	0.373	1.492	LT		0.2			0.0001	0.0			0.0%		
PCB 126	0.467	1.869	12.654		12.7	12.7	12.7	0.005	0.1	0.1	0.1	5.5%	14.5%	15.6%
PCB 169	0.591	2.366	1.014		1	1		0.00005	0.0	0.0		0.0%	0.0%	
PCB 77	0.869	3.474	55.772		55.8	55.8	55.8	0.0001	0.0	0.0	0.0	0.5%	1.3%	1.4%
PCB 81	0.859	3.436	4.058		4.1	4.1	4.1	0.0005	0.0	0.0	0.0	0.2%	0.5%	0.5%

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	1.1	0.4	0.3
All PCBs	0.1	0.1	0.1
All PCDDs/PCDFs/PCBs	1.2	0.5	0.4

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: H96DCP15

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.007	0.029	0.769		0.8	0.8	0.8	0.001	0.0	0.0	0.0	0.1%	0.3%	0.8%
1234678-HpCDF	6.705	26.820	LT	D	3.4			0.01	0.0			3.1%		
1234789-HpCDF	0.071	0.284	LT		0			0.01	0			0%		
123478-HxCDD	0.273	1.092	LT	EMPC	0.1			0.5	0.1			4.6%		
123478-HxCDF	0.271	1.083	LT		0.1			0.1	0.0			0.9%		
123678-HxCDD	0.111	0.444	LT		0.1			0.01	0.0			0.1%		
123678-HxCDF	0.280	1.120	LT	EMPC	0.1			0.1	0.0			0.9%		
123789-HxCDD	0.088	0.352	LT		0			0.01	0			0%		
123789-HxCDF	0.299	1.196	0.592		0.6	0.6		0.1	0.1	0.1		5.5%	22.1%	
12378-PeCDD	0.317	1.268	LT	EMPC	0.2			1	0.2			18.2%		
12378-PeCDF	0.075	0.300	0.412		0.4	0.4	0.4	0.05	0.0	0.0	0.0	1.8%	7.4%	19.8%
234678-HxCDF	8.372	33.488	LT	D	4.2			0.1	0.4			38.3%		
23478-PeCDF	0.062	0.247	0.232		0.2	0.2		0.5	0.1	0.1		9.1%	36.9%	
2378-TCDD	0.126	0.502	LT		0.1			1	0.1			9.1%		
2378-TCDF	0.043	0.174	0.524	U	0.5	0.5	0.3	0.05	0.0	0.0	0.0	2.3%	9.2%	14.8%
OCDD	0.121	0.483	3.040		3	3	3	0	0	0	0	0%	0%	0%
OCDF	0.487	1.948	LT	EMPC	0.2			0.0001	0.0			0.0%		
PCB 126	0.382	1.528	11.927		11.9	11.9	11.9	0.005	0.1	0.1	0.1	5.4%	22.0%	58.9%
PCB 169	0.174	0.696	1.298		1.3	1.3	1.3	0.00005	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 77	0.556	2.225	42.368		42.4	42.4	42.4	0.0001	0.0	0.0	0.0	0.4%	1.6%	4.2%
PCB 81	0.580	2.320	2.875		2.9	2.9	2.9	0.0005	0.0	0.0	0.0	0.1%	0.5%	1.4%

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	1	0.2	0
All PCBs	0.1	0.1	0.1
All PCDDs/PCDFs/PCBs	1.1	0.3	0.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS **RAW DATA AND CALCULATION OF TEQ VALUES**

SAMPLE NUMBER: H96DCP16

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.034	0.134	0.930	D	0.9	0.9	0.9	0.001	0.0	0.0	0.0	0.1%	0.2%	0.7%
1234678-HpCDF	3.801	15.204	LT		1.9			0.01	0.0			1.6%		
1234789-HpCDF	0.038	0.152	LT		0			0.01	0			0%		
123478-HxCDD	0.285	1.140	LT	EMPC	0.1			0.5	0.1			4.1%		
123478-HxCDF	0.274	1.096	LT		0.1			0.1	0.0			0.8%		
123678-HxCDD	0.005	0.019	0.148		0.1	0.1	0.1	0.01	0.0	0.0	0.0	0.1%	0.2%	0.8%
123678-HxCDF	0.264	1.056	LT	EMPC	0.1			0.1	0.0			0.8%		
123789-HxCDD	0.005	0.019	0.120		0.1	0.1	0.1	0.01	0.0	0.0	0.0	0.1%	0.2%	0.8%
123789-HxCDF	0.269	1.076	0.565		0.6	0.6		0.1	0.1	0.1		4.9%	14.5%	
12378-PeCDD	0.106	0.424	0.229	EMPC	0.2	0.2		1	0.2	0.2		16.4%	48.4%	
12378-PeCDF	0.572	2.288	LT		0.3			0.05	0.0			1.2%		
234678-HxCDF	9.942	39.768	LT		5			0.1	0.5			41.1%		
23478-PeCDF	0.377	1.508	LT	EMPC	0.2			0.5	0.1			8.2%		
2378-TCDD	0.163	0.650	LT		0.1			1	0.1			8.2%		
2378-TCDF	0.136	0.542	0.857		0.9	0.9	0.4	0.05	0.0	0.0	0.0	3.7%	10.9%	15.6%
OCDD	0.003	0.014	2.792	U	2.8	2.8	2.8	0	0	0	0	0%	0%	0%
OCDF	0.244	0.976	LT		0.1			0.0001	0.0			0.0%		
PCB 126	0.201	0.804	19.126		19.1	19.1	19.1	0.005	0.1	0.1	0.1	7.8%	23.1%	74.6%
PCB 169	0.243	0.971	1.780		1.8	1.8	1.8	0.00005	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 77	1.137	4.547	71.038		71	71	71	0.0001	0.0	0.0	0.0	0.6%	1.7%	5.5%
PCB 81	1.064	4.257	4.673		4.7	4.7	4.7	0.0005	0.0	0.0	0.0	0.2%	0.6%	1.8%

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	1.1	0.3	0
All PCBs	0.1	0.1	0.1
All PCDDs/PCDFs/PCBs	1.2	0.4	0.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS **RAW DATA AND CALCULATION OF TEQ VALUES**

SAMPLE NUMBER: H96DCP17

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.007	0.027	0.561	D	0.6	0.6	0.6	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	2.636	10.544	LT		1.3			0.01	0.0			1.3%		
1234789-HpCDF	0.033	0.132	LT		0			0.01	0			0%		
123478-HxCDD	0.032	0.127	0.201	EMPC	0.2	0.2	0.2	0.5	0.1	0.1	0.1	10.3%	17.8%	18.7%
123478-HxCDF	0.215	0.860	LT		0.1			0.1	0.0			1.0%		
123678-HxCDD	0.152	0.608	LT		0.1			0.01	0.0			0.1%		
123678-HxCDF	0.226	0.904	LT	EMPC	0.1			0.1	0.0			1.0%		
123789-HxCDD	0.029	0.115	LT		0			0.01	0			0%		
123789-HxCDF	0.135	0.539	0.657		0.7	0.7	0.7	0.1	0.1	0.1	0.1	7.2%	12.5%	13.1%
12378-PeCDD	0.006	0.023	0.308	EMPC	0.3	0.3	0.3	1	0.3	0.3	0.3	30.8%	53.5%	56.1%
12378-PeCDF	0.306	1.224	LT		0.2			0.05	0.0			1.0%		
234678-HxCDF	4.471	17.884	LT		2.2			0.1	0.2			22.6%		
23478-PeCDF	0.201	0.804	LT	EMPC	0.1			0.5	0.1			5.1%		
2378-TCDD	0.200	0.800	LT		0.1			1	0.1			10.3%		
2378-TCDF	0.085	0.342	0.972		1	1	0.5	0.05	0.1	0.1	0.0	5.1%	8.9%	4.7%
OCDD	0.008	0.031	2.370	U	2.4	2.4	2.4	0	0	0	0	0%	0%	0%
OCDF	0.054	0.216	0.389		0.4	0.4	0.4	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.373	1.490	7.305		7.3	7.3	7.3	0.005	0.0	0.0	0.0	3.7%	6.5%	6.8%
PCB 169	0.092	0.366	0.809		0.8	0.8	0.8	0.00005	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	0.645	2.581	29.682		29.7	29.7	29.7	0.0001	0.0	0.0	0.0	0.3%	0.5%	0.6%
PCB 81	0.611	2.445	2.162		2.2	2.2		0.0005	0.0	0.0		0.1%	0.2%	

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	0.9	0.5	0.5
All PCBs	0	0	0
All PCDDs/PCDFs/PCBs	0.9	0.5	0.5

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS **RAW DATA AND CALCULATION OF TEQ VALUES**

SAMPLE NUMBER: H96DCP18

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MLQ	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.005	0.020	0.855	D	0.9	0.9	0.9	0.001	0.0	0.0	0.0	0.1%	0.2%	0.3%
1234678-HpCDF	1.546	6.184	LT		0.8			0.01	0.0			0.8%		
1234789-HpCDF	0.057	0.227	LT		0			0.01	0			0%		
123478-HxCDD	0.045	0.179	0.372		0.4	0.4	0.4	0.5	0.2	0.2	0.2	20.4%	36.3%	57.0%
123478-HxCDF	0.099	0.395	0.228		0.2	0.2		0.1	0.0	0.0		2.0%	3.6%	
123678-HxCDD	0.162	0.648	LT		0.1			0.01	0.0			0.1%		
123678-HxCDF	0.272	1.088	LT	EMPC	0.1			0.1	0.0			1.0%		
123789-HxCDD	0.101	0.404	LT	EMPC	0.1			0.01	0.0			0.1%		
123789-HxCDF	0.604	2.416	LT	EMPC	0.3			0.1	0.0			3.1%		
12378-PeCDD	0.399	1.596	LT	EMPC	0.2			1	0.2			20.4%		
12378-PeCDF	0.440	1.760	LT	EMPC	0.2			0.05	0.0			1.0%		
234678-HxCDF	3.384	13.536	LT	D	1.7			0.1	0.2			17.3%		
23478-PeCDF	0.093	0.373	0.313		0.3	0.3		0.5	0.2	0.2		15.3%	27.2%	
2378-TCDD	0.070	0.279	LT		0			1	0			0%		
2378-TCDF	0.133	0.534	1.241		1.2	1.2	0.6	0.05	0.1	0.1	0.0	6.1%	10.9%	8.5%
OCDD	0.029	0.116	2.619	EMPC	2.6	2.6	2.6	0	0	0	0	0%	0%	0%
OCDF	0.240	0.960	LT		0.1			0.0001	0.0			0.0%		
PCB 126	0.226	0.904	22.040		22	22	22	0.005	0.1	0.1	0.1	11.2%	20.0%	31.3%
PCB 169	0.241	0.966	2.099		2.1	2.1	2.1	0.00005	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	1.052	4.206	73.984		74	74	74	0.0001	0.0	0.0	0.0	0.8%	1.3%	2.1%
PCB 81	1.082	4.328	5.156		5.2	5.2	5.2	0.0005	0.0	0.0	0.0	0.3%	0.5%	0.7%

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	0.9	0.4	0.2
All PCBs	0.1	0.1	0.1
All PCDDs/PCDFs/PCBs	1	0.5	0.3

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: H96DCP19

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.003	0.014	0.453	D	0.5	0.5	0.5	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	0.372	1.488	LT		0.2			0.01	0.0			0.3%		
1234789-HpCDF	0.062	0.248	LT		0			0.01	0			0%		
123478-HxCDD	0.291	1.164	LT	EMPC	0.1			0.5	0.1			7.4%		
123478-HxCDF	0.117	0.468	LT	EMPC	0.1			0.1	0.0			1.5%		
123678-HxCDD	0.036	0.142	LT		0			0.01	0			0%		
123678-HxCDF	0.210	0.840	LT	EMPC	0.1			0.1	0.0			1.5%		
123789-HxCDD	0.036	0.142	LT		0			0.01	0			0%		
123789-HxCDF	0.096	0.386	0.588		0.6	0.6	0.6	0.1	0.1	0.1	0.1	8.9%	16.4%	16.5%
12378-PeCDD	0.009	0.034	0.319		0.3	0.3	0.3	1	0.3	0.3	0.3	44.3%	82.2%	82.4%
12378-PeCDF	0.247	0.988	LT	EMPC	0.1			0.05	0.0			0.7%		
234678-HxCDF	1.089	4.356	LT	D	0.5			0.1	0.1			7.4%		
23478-PeCDF	0.129	0.516	LT	EMPC	0.1			0.5	0.1			7.4%		
2378-TCDD	0.182	0.729	LT		0.1			1	0.1			14.8%		
2378-TCDF	0.162	0.649	LT	U	0.1			0.05	0.0			0.7%		
OCDD	0.003	0.013	1.383		1.4	1.4	1.4	0	0.0	0	0	0%	0%	0%
OCDF	0.249	0.996	LT	EMPC	0.1			0.0001	0.0			0.0%		
PCB 126	0.246	0.986	6.182		6.2			0.005	0.0			4.6%		
PCB 169	0.199	0.795	0.340		0.3	0.3		0.00005	0.0	0.0		0.0%	0.0%	
PCB 77	0.711	2.844	33.654		33.7	33.7	33.7	0.0001	0.0	0.0	0.0	0.5%	0.9%	0.9%
PCB 81	0.696	2.785	2.110		2.1	2.1		0.0005	0.0	0.0		0.2%	0.3%	

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	0.6	0.4	0.4
All PCBs	0	0	0
All PCDDs/PCDFs/PCBs	0.6	0.4	0.4

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS **RAW DATA AND CALCULATION OF TEQ VALUES**

SAMPLE NUMBER: H96DCP20

SAMPLE TYPE: Carp eggs

LOCATION: On-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.006	0.023	0.743	D	0.7	0.7	0.7	0.001	0.0	0.0	0.0	0.1%	0.2%	0.3%
1234678-HpCDF	1.701	6.804	LT		0.9			0.01	0.0			1.2%		
1234789-HpCDF	0.032	0.129	LT		0			0.01	0.0			0.0%		
123478-HxCDD	0.046	0.183	0.259	EMPC	0.3	0.3	0.3	0.5	0.2	0.2	0.2	19.9%	49.1%	66.9%
123478-HxCDF	0.107	0.428	LT		0.1			0.1	0.0			1.3%		
123678-HxCDD	0.039	0.157	0.124		0.1	0.1	0	0.01	0.0	0.0	0.0	0.1%	0.3%	0.0%
123678-HxCDF	0.304	1.216	LT	EMPC	0.2			0.1	0.0			2.6%		
123789-HxCDD	0.040	0.160	LT		0			0.01	0.0			0.0%		
123789-HxCDF	0.592	2.368	LT		0.3			0.1	0.0			4.0%		
12378-PeCDD	0.281	1.124	LT	EMPC	0.1			1	0.1			13.2%		
12378-PeCDF	0.073	0.294	0.336		0.3	0.3	0.3	0.05	0.0	0.0	0.0	2.0%	4.9%	6.7%
234678-HxCDF	3.507	14.028	LT		1.8			0.1	0.2			23.8%		
23478-PeCDF	0.064	0.255	0.141	D	0.1	0.1		0.5	0.1	0.1		6.6%	16.4%	
2378-TCDD	0.198	0.791	LT		0.1			1	0.1			13.2%		
2378-TCDF	0.123	0.491	1.069		1.1	1.1	0.5	0.05	0.1	0.1	0.0	7.3%	18.0%	11.1%
OCDD	0.005	0.022	3.193	U	3.2	3.2	3.2	0	0	0	0	0%	0%	0%
OCDF	0.037	0.147	0.598		0.6	0.6	0.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.297	1.190	6.106	EMPC	6.1	6.1	6.1	0.005	0.0	0.0	0.0	4.0%	10.0%	13.6%
PCB 169	0.719	2.876	LT		0.4			0.00005	0.0			0.0%		
PCB 77	0.697	2.788	29.562	EMPC	29.6	29.6	29.6	0.0001	0.0	0.0	0.0	0.4%	1.0%	1.3%
PCB 81	1.945	7.780	LT		1			0.0005	0.0			0.1%		

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	0.7	0.3	0.2
All PCBs	0	0	0
All PCDDs/PCDFs/PCBs	0.7	0.3	0.2

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS **RAW DATA AND CALCULATION OF TEQ VALUES**

SAMPLE NUMBER: H97BCP10E

SAMPLE TYPE: Carp eggs

LOCATION: Off-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.720	2.880	LT	EMPC	0.4			0.001	0.0			0.1%		
1234678-HpCDF	0.668	2.672	LT	D	0.3			0.01	0.0			0.5%		
1234789-HpCDF	0.065	0.260	LT		0			0.01	0			0%		
123478-HxCDD	0.008	0.033	0.216		0.2	0.2	0.2	0.5	0.1	0.1	0.1	17.3%	26.0%	33.3%
123478-HxCDF	0.205	0.819	LT		0.1			0.1	0.0			1.7%		
123678-HxCDD	0.062	0.248	LT		0			0.01	0			0%		
123678-HxCDF	0.168	0.670	0.225		0.2	0.2		0.1	0.0	0.0		3.5%	5.2%	
123789-HxCDD	0.051	0.204	LT		0			0.01	0			0%		
123789-HxCDF	0.213	0.850	0.642		0.6	0.6		0.1	0.1	0.1		10.4%	15.6%	
12378-PeCDD	0.009	0.037	0.237		0.2	0.2	0.2	1	0.2	0.2	0.2	34.6%	52.0%	66.5%
12378-PeCDF	0.126	0.504	LT		0.1			0.05	0.0			0.9%		
234678-HxCDF	1.443	5.772	LT	D	0.7			0.1	0.1			12.1%		
23478-PeCDF	0.092	0.369	LT		0			0.5	0			0%		
2378-TCDD	0.239	0.956	LT		0.1			1	0.1			17.3%		
2378-TCDF	0.298	1.192	LT	EMPC, U	0.1			0.05	0.0			0.9%		
OCDD	0.036	0.144	3.408		3.4	3.4	3.4	0	0	0	0	0%	0%	0%
OCDF	0.353	1.412	LT	EMPC	0.2			0.0001	0.0			0.0%		
PCB 126	0.624	2.496	0.833		0.8	0.8		0.005	0.0	0.0		0.7%	1.0%	
PCB 169	0.445	1.780	LT	EMPC	0.2			0.00005	0.0			0.0%		
PCB 77	0.384	1.536	5.814		5.8	5.8	5.8	0.0001	0.0	0.0	0.0	0.1%	0.2%	0.2%
PCB 81	0.367	1.467	0.703		0.7	0.7		0.0005	0.0	0.0		0.1%	0.1%	

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	0.6	0.4	0.3
All PCBs	0	0	0
All PCDDs/PCDFs/PCBs	0.6	0.4	0.3

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

CARP EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: H97CP13E

SAMPLE TYPE: Carp eggs

LOCATION: Off-post

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Fish	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MLQ	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.012	0.048	0.596	D	0.6	0.6	0.6	0.001	0.0	0.0	0.0	0.1%	0.2%	0.5%
1234678-HpCDF	1.456	5.824	LT		0.7			0.01	0.0			1.3%		
1234789-HpCDF	0.026	0.103	LT		0			0.01	0			0%		
123478-HxCDD	0.006	0.024	0.224	EMPC	0.2	0.2	0.2	0.5	0.1	0.1	0.1	18.1%	37.1%	83.9%
123478-HxCDF	0.143	0.572	LT		0.1			0.1	0.0			1.8%		
123678-HxCDD	0.158	0.632	LT		0.1			0.01	0.0			0.2%		
123678-HxCDF	0.175	0.700	LT	EMPC	0.1			0.1	0.0			1.8%		
123789-HxCDD	0.032	0.128	LT	EMPC	0			0.01	0			0%		
123789-HxCDF	0.154	0.616	0.512		0.5	0.5		0.1	0.1	0.1		9.0%	18.5%	
12378-PeCDD	0.205	0.820	LT		0.1			1	0.1			18.1%		
12378-PeCDF	0.151	0.604	LT	EMPC	0.1			0.05	0.0			0.9%		
234678-HxCDF	1.699	6.796	LT	D	0.8			0.1	0.1			14.5%		
23478-PeCDF	0.117	0.468	LT	EMPC	0.1			0.5	0.1			9.0%		
2378-TCDD	0.093	0.372	0.055	EMPC, U	0.1	0.1		1	0.1	0.1		18.1%	37.1%	
2378-TCDF	0.749	2.996	LT		0.4			0.05	0.0			3.6%		
OCDD	0.067	0.270	2.697	EMPC	2.7	2.7	2.7	0	0	0	0	0%	0%	0%
OCDF	0.275	1.100	LT		0.1			0.0001	0.0			0.0%		
PCB 126	0.269	1.075	3.272		3.3	3.3	3.3	0.005	0.0	0.0	0.0	3.0%	6.1%	13.8%
PCB 169	0.199	0.797	0.377		0.4	0.4		0.00005	0.0	0.0		0.0%	0.0%	
PCB 77	0.523	2.092	21.157		21.2	21.2	21.2	0.0001	0.0	0.0	0.0	0.4%	0.8%	1.8%
PCB 81	0.521	2.083	1.151		1.2	1.2		0.0005	0.0	0.0		0.1%	0.2%	

Total	TEQs		
	Full	Partial	Quant
All PCDDs/PCDFs	0.5	0.3	0.1
All PCBs	0	0	0
All PCDDs/PCDFs/PCBs	0.5	0.3	0.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.